

10/772,639

1-12. (CANCELED)

13. (CURRENTLY AMENDED) An electromagnetic dual-action control valve (1) having a valve housing (2), with at least one magnetic solenoid (3) arranged in the valve housing, with two armatures (4, 5) arranged coaxially to one another, with respective restoring springs (6, 7) associated with each of the two armatures (4, 5), with line connections (15, 16, 17) for lines carrying a pressure medium and with sealing surfaces on the two armatures (4, 5) that can be moved by magnetic force so as to close or open the line connections (15, 16, 17), wherein a first one of the two armatures is formed as a hollow armature (4) with a closed end face (11), inside the hollow armature (4) which is arranged an inner armature (5) which can move coaxially thereto, and the hollow armature (4) has at least [[a]] first and second openings (20, 21) for the pressure medium, of which [[a]] the first opening (21) can be closed by a sealing surface (13) of the inner armature (5).

14. (PREVIOUSLY PRESENTED) The electromagnetic dual-action control valve according to claim 13, wherein the first opening (21) is formed in the closed end face (11) of the hollow armature (4).

15. (PREVIOUSLY PRESENTED) The electromagnetic dual-action control valve according to claim 13, wherein the restoring spring (7) for the hollow armature (4) is arranged at an end (8) of the hollow armature (4) which is opposite to the closed end (11).

16. (PREVIOUSLY PRESENTED) The electromagnetic dual-action control valve according to claim 13, wherein the restoring spring (6) for the inner armature (5) is arranged at an end (9) of the inner armature (5) which is opposite to the sealing surface (13) for closing the opening (21) of the hollow armature (4).

17. (PREVIOUSLY PRESENTED) The electromagnetic dual-action control valve according to claim 13, wherein the dual-action control valve (1, 52) is formed as a clutch control valve, which has a first connection (16) for a pressure line, a second connection (15) for a return line and a second connection (17) for a control pressure line.

18. (PREVIOUSLY PRESENTED) The electromagnetic dual-action control valve according to claim 13, wherein the dual-action control valve (1, 52) is formed as one of a switching or fixed-cycle valve, which has a first connection (16) for a pressure line, a second connection (15) for a return line and a third connection (17) for a control pressure line.

0003-434 P08

10/772,639

19. (PREVIOUSLY PRESENTED) The electromagnetic dual-action control valve according to claim 13, wherein at an end (9) associated with the restoring spring (6), the inner armature (5) has an end sealing surface (22) by means of which a line connection (15) can be closed.

20. (PREVIOUSLY PRESENTED) The electromagnetic dual-action control valve according to claim 19, wherein the line connection (15) for a back-flow or return line can be closed by the end sealing surface (22) of the inner armature (5) nearest the restoring spring.

21. (CURRENTLY AMENDED) The electromagnetic dual-action control valve according to claim 13, wherein [[a]] the first opening (21) in the hollow armature (4) has a smaller cross-sectional area than cross-sectional areas of the connection (16) for at least one of the pressure line and the connection (17) for the control pressure line.

22. (PREVIOUSLY PRESENTED) The electromagnetic dual-action control valve according to claim 13, wherein the two armatures (39, 43) are arranged axially one behind the other, one armature is formed as a hollow armature (39) with an axial bore (42), the axial bore (42) is directed coaxially to the connection (16) for a pressure line, the hollow armature (39) has a first sealing surface (46) by means of which the connection (16) can be closed in a pressure-tight way, and at an end of the hollow armature (39) opposite the first sealing surface (46) is formed a second sealing surface (47), against which the first end face (48) of the second armature (43) facing toward the hollow armature (39) can be brought into contact to close off the axial bore (42), and the second armature (43) has at an end facing away from the hollow armature (39), a second sealing surface (49), by means of which a further connection (15) for a return line can be closed.

23. (PREVIOUSLY PRESENTED) The electromagnetic dual-action control valve according to claim 13, wherein between one of the sealing surfaces and the ends of the armatures (39, 43) or the valve housing (2) are arranged sealing means (50), preferably sealing rings.

24. (PREVIOUSLY PRESENTED) The electromagnetic dual-action control valve according to claim 13, wherein a second armature (43) is guided axially by a section (51) of the housing.